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f. Name and co	entact information of per	rson to	be contacted on mar	L	involving this application:				
Prefix:			* First Name:		Marie				
Middle Name:					ndfle				
Last Name:	Barry								
Suffix:					<b>D</b> _				
Title: Environ	nmental Program Dire	ector			MAY 0 3 2012  GMO MTS-7				
Organizational Aff	ffiliation:				MAY 0 2				
	e of NV and CA				Gn 2012				
Telephone Numl	nber: 775-265-8682				Fax Number: 775-265-3211				
Email: marie.	.barry@washoetribe.	us							

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Application for Federal Assistance	SF-424	2	20		
16. Congressional Districts Of:		<del></del>			·
* a. Applicant 02			b. Program/Project	02	
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17. Proposed Project:		· machinent	Delete Vilacititetif	View Attachment	
* a. Start Date: 10/01/2012	*3		**		
18. Estimated Funding (\$):		*	* b. End Date:	09/30/2013	
*a. Federal			*		
* b. Applicant	47,500.00				No. W
*c. State	2,500.00		The state of the s		
*d. Local	0.00				
* e. Other	0.00				
*f. Program Income	0.00				
*g. TOTAL	0.00				
* 19. Įs Application Subject to Review By Sta	50,000.00				
¹ 20. Is the Applicant Delinquent On Any Fed  ☐ Yes	No. Charmson		Delete Attachment	View Attachment	
21. *By signing this application, I certify (1) herein are true, complete and accurate to comply with any resulting terms if I accept as subject me to criminal, civil, or administrative ** I AGREE  ** The list of certifications and assurances, or aspecific instructions.	award. I am aware the penalties. (U.S. Code	at any false, fict , Title 218, Secti	vide the required as itious, or fraudulent s on 1001)	nd (2) that the statements surances** and agree to tatements or claims may	ž.
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Last Name: Carlson					
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Title: Grants Manager				=	
Telephone Number: 775-265-8629		Fax Nu	mber: 775-265-624	0	- 10
Email dcarlson@washoetribe.us					
Signature of Authorized Representative: Debby	Carlson	1.0-4	Cinned		
решу		- Date	Signed: 03/07/2012		

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Funding Opportunity Number: EPA-REG9-WP-12 Received Date: 2012-03-07T11:07:28-04:00

OMB Number: 4040-0006 Expiration Date: 06/30/2014

**BUDGET INFORMATION - Non-Construction Programs** 

50,000,00 50,000.00 Total (g) 2,500.00 2,500.00 New or Revised Budget Non-Federal (f) 47,500.00 47,500.00 Federal (e) SECTION A - BUDGET SUMMARY Non-Federal € **Estimated Unobligated Funds** Federal (c) Catalog of Federal Domestic Assistance Number æ 198.99 EPA FY12 Region 9 Wetland Program Development Grant Program Function or Activity <u>a</u> Totals 7 က် 4 ģ

Standard Form 424A (Rev. 7- 97) Prescribed by OMB (Circular A -102) Page 1

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Standard Form 424A (Rev. 7- 97) Prescribed by OMB (Circular A -102) Page 2

Funding Opportunity Number: EPA-REG9-WP-12 Received Date: 2012-03-07T11:07:28 04:00

LINE ITEM	CALCULATION	EPA REQUEST	MATCH
PERSONNEL			
Program Director	\$44.25/hour x 40	1,770	
Environmental Specialist II	\$23.38/hour x 900	21,042	
Environmental Specialist II P.L. 638 funding	\$23.38/hour x 107		2,500
Clerical Assistant	\$13.20/hour x 60	792	
Environmental Secretary	\$17.57/hour x 80	1,406	-
Subtotal Personne	CMCCHECO SEMERO COLORO DE	25,010	2,500
Fringe Benefits			
Medicare	0.0145	363	(9)
Social Security	0.062	1,551	
SUTA	0.018	450	-
SIIS	0.0221	553	******
Health Insurance	\$785.00/mo x 0.5FTE	4,710	
Liability Insurance	\$42/mo x 12	504	
Vacation Liability	0.06	1,501	
Retirement Plan	0.06	1,501	
Subtotal Fringe Benefits		11,131	graduction)
Subtotal Personnel & Fringe		36,141	ระบริกาล ใช้ พ.ศ.ก
Travel			
Local Travel	1,000 miles x 0.51	510	327
Non Local Travel	EPA conf	1,500	
Subtotal Travel		2,010	STERE SPECIAL
Supplies			10 y
Office Supplies	\$85.16/mo	1,022	6 2
Subtotal Supplies		1,022	MATERIAL PROPERTY
Other	-		
Cell phone	\$100/month x 12	1,200	
Communications/ Maintenance, operations and repairs	telephone, sewer, water, propane, electricity, vehicle registration, maintenance, internet, mail, etc	2,000	14
Subtotal Other		3,200	ENTERNANCE IN
TOTAL DIRECT COST		42,373	2,500
TOTAL INDIRECT COST	(12.10% minus contractual & equipment)	5,127	30.0
TOTAL PROJECT/PROGRAM COST		47,500	2,500

50,000

\* Match 5% PPG

## **Project Narrative File(s)**

\* Mandatory Project Narrative File Filename: FY 12 Wetlands Proposal Workplan.pdf

Add Mandalory Project Narrative File

Delete Mandatory Project Narrative File View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File

Delete Optional Project Narrative File | View Optional Project Narrative File

Washoe Tribe of NV and CA EPA FY12 Region 9 Wetland Program Development Grants

Project Title: Washoe Tribe Wetland Program Plan

Track: Track One

Core Elements: The proposed project will develop a Wetland Program Plan.

Name of Applicant and DUNS Number:

Washoe Tribe of Nevada and California, 021982913

Key Personnel and Contact Information: Marie Barry, Environmental Program

Director, marie.barry@washoetribe.us, 775-265-8682

Geographic Location: The Washoe Tribe is located within Nevada and California.

USGS Hydrologic Code Levels: 16050201, 16050202, and 16050302.

Carson River Watershed, Truckee River Watershed, and Lake Tahoe Watershed.

Total Project Cost: \$50,000.00

Federal Dollars Requested: \$47,500.00

Cost Share: \$2,500.00 (5% PPG)

#### Abstract/ Project Summary:

The proposed project will develop a Tribal Wetland Program Plan. The Washoe Tribe Environmental Protection Department (WEPD) will develop goals and broad based actions related to wetland management and protection. Specific activities will be formulated to achieve the determined goals. The wetland program plan will be based on the goals and specific activities developed and will allow the Tribe to more effectively protect, restore, and manage its wetland resources. The plan will address what the Tribe wants to accomplish with its wetland program within 3 to 6 years from plan approval. The proposed project will include plan development and ongoing education and outreach regarding wetland ecosystem management.

## **Project Description:**

The Washoe Tribe of Nevada and California is a federally recognized Indian Tribe organized pursuant to the Indian Reorganization Act of June 18, 1934, as amended. The Tribe consists of four federally recognized communities, three in Nevada and one in California (Stewart, Carson, Dresslerville, and Woodfords, respectively). The Tribe also has jurisdiction over trust and fee parcels and allotments in both Nevada and California. Each of the communities has a separate governing Community Council; overall, the Washoe Tribal Council governs the Tribe. The Tribal government is committed to involving the Tribal communities in the development of tribal environmental programs. The Washoe Environmental Protection Department (WEPD) was established in the Tribal government structure in 1998. It is the policy of the Washoe Tribe to protect, maintain, and enhance its natural resources for the benefit of present and future generations.

## **Program Priority:**

The Washoe Tribe of Nevada and California is seeking EPA Wetland Program

Development Grant funding for Track One Program Priorities. The Tribe is proposing to develop a Wetland Program Plan.

## Description of Need:

Washoe Tribal lands contain several significant wetland ecosystems. Wetlands throughout the Tribe's traditional territory have declined substantially in extent and function in recent years due to land use changes and changes in hydrologic regime. Surveys completed by WEPD staff indicate that several wetlands on tribal lands are functionally at risk. Development outside of tribal parcels, agricultural runoff and decreasing groundwater levels are significantly contributing to the decline of tribal

wetland ecosystems. Declining wetland habitat is negatively impacting the waterfowl and migratory bird species that are dependent on this ecosystem as well as eroding Washoe traditional ways of life. Food sources and cultural use of native materials have experienced a parallel decline with the decline in wetland ecosystem health. There is a significant need to protect and restore these wetland ecosystems. The proposed project will develop a Wetland Program Plan that will provide for the long term protection, restoration, and enhancement of wetlands on tribal lands.

# Outputs, Outcomes, and Results:

### Outputs:

- Development of Tribal Wetland Program Plan
- Ongoing education and outreach regarding wetland ecosystems

#### Outcomes:

- Increased understanding of wetland conditions
- Improved wetland protection efforts
- Improved wetland ecosystem health

## Link to EPA Strategic Plan:

The proposed project supports the EPA Strategic Plan Goal 2: Protecting America's Waters, Objective 2.2: Protect and Restore Watersheds and Aquatic Ecosystems, Increase Wetlands. The completed program plan will establish a wetland program that will protect, restore, and increase wetland ecosystems. The proposed project will increase the Tribe's capacity to effectively protect, maintain, and enhance the natural and cultural resources that it depends on.

Tracking Outputs and Outcomes:

Successful performance of the proposed project will include development of a Tribal Wetland Program Plan and ongoing education and outreach opportunities. The project work plan will be used as a guide to measure and track achievement of the project's stated goals and objectives.

### Project Tasks:

The proposed project will develop a Wetland Program Plan for the Washoe Tribe. The following project tasks will be completed as part of the proposed project:

Task 1: Review of the Comprehensive Wetland Database and the Washoe Tribe

Monitoring and Assessment Strategy

The Washoe Tribe is currently completing a Tribal Monitoring and Assessment Strategy and comprehensive wetland database based on wetland monitoring and assessments currently being completed through EPA funds. Level I, II and III assessments are currently being completed on tribal wetlands. The assessments are determining the wetland condition, conducting measurements and scoring, and completing vegetation surveys. Field assessment data is being entered into the database and being used to assist in determining the extent and distribution of wetlands throughout tribal lands. The data and findings from the wetlands monitoring and assessments are being summarized and incorporated into the Washoe Tribe Monitoring and Assessment Strategy. WEPD will review the completed strategy and comprehensive database and utilize the information and data to assist in development of the Tribal Wetland Program Plan.

### Task 2: Development of Wetland Program Plan

WEPD will develop a Wetland Program Plan for the Washoe Tribe wetland ecosystems.

The plan will include the evaluation of tribal wetland's extent, condition and function.

WEPD will incorporate information and data from the completed Monitoring and

Assessment Strategy and comprehensive wetland database into the development of goals and activities for the program plan. The completed plan will assist with future wetland protection and restoration efforts. The plan will include the five basic components:

- 1. Overall goal statement.
- 2. Overall timeframe (3-6 years from plan approval).
- 3. List of planned actions.
- 4. Schedule for achievement of each action.
- 5. List of more specific activities to be accomplished under each action.

The plan will address the core element framework and basic program functions of wetlands management including monitoring and assessment, regulatory activities, restoration and protection, and water quality standards for wetlands. The plan will provide an overall goal and broad based actions as well as specific activities to achieve those actions. The plan will consider what the Tribe wants to accomplish with regards to its wetland program in the next 3 to 6 years.

The program plan will allow the Tribe to more effectively protect, restore, and manage its wetland resources. Biologically functional and protected wetlands will create enhanced environmental benefits including restoring critical habitat, restoring Washoe traditional practices, improving water quality, and increasing wetland plant diversity.

### Task 3: Education and Outreach

WEPD will disseminate information through a series of newsletter articles, brochures, community events/ meetings, and presentations to the Community Councils and Tribal Council. Education and outreach will emphasize wetland ecosystem health and management strategies to improve the extent, function and condition of wetlands throughout tribal lands.

#### Partnership Information:

WEPD has strong partnerships with federal, state and local agencies that work with wetland projects. Potential partnerships for the development of the wetland program plan include: Washoe Tribal departments, Pyramid Lake Tribe, Walker River Paiute Tribe, USDA Natural Resource Conservation Service, Western Nevada Resource Conservation and Development, US Forest Service, US Fish and Wildlife Service, Bureau of Land Management, National Wetlands Inventory, The Nature Conservancy, Nevada Department of Environmental Protection, Douglas County, Alpine County, Carson City, Nevada Natural Heritage Program, Carson Valley Conservation District, Upper Carson River Management Group, and University of Nevada Reno.

#### Milestone Schedule:

The proposed project is a one year project, with an anticipated start date of October 1, 2012.

Washoe Tribe of NV and CA EPA FY12 Region 9 Wetland Program Development Grants

Timetable:

Review of Monitoring and Assessment Strategy Months 1-2

Review of Comprehensive Wetland Database Months 1-2

Development of Wetland Program Plan Months 3-12

Education and Outreach Ongoing

Detailed Budget Workplan:

Personnel:

The Washoe Tribe maintains an Indian Hiring Preference Policy that gives priority to Tribal members for all Tribal positions.

- The Environmental Program Director (PD) will devote time to overall supervision of this project to include supervision, approval of grant expenditures, and accomplishing specific activities. The Director will earn \$44.25 per hour for a total of 40 hours for the 12 month period. The PD will cost \$1,770.00 for the budget period.
- The Environmental Specialist II (ESII) will devote time to complete specific
  activities of the project. The ESII will earn \$23.38 per hour for a total of 900
  hours for the 12 month period. The ESII will cost \$21,042.00 for the budget
  period.
- The Clerical Assistant will devote time to assisting with completion of deliverables for this grant. This position will earn \$13.20 per hour for a total of 60 hours for the 12 month period. The Clerical Assistant will cost \$792.00 for the budget period.

- The Environmental Secretary will devote time to assisting with completion of the deliverables for this grant. This position will earn \$17.57 per hour for a total of 80 hours for the 12 month period. The Environmental Secretary will cost \$1,406.00 for the budget period.
- The Environmental Specialist II (ESII) will devote time to complete specific activities of the project. The ESII will earn \$23.38 per hour for a total of 107 hours for the 12 month period. The ES II will cost \$2,500.00 for the budget period. This cost will be in kind match from 638 funds to assist with completion of project tasks.

### Fringe Benefits:

Payroll taxes include social security tax (FICA), state unemployment tax (SUTA), worker's compensation insurance (SIIS), and medicare. Calculation of the above benefits is derived by multiplying the total personnel cost by a predetermined percentage. These percentages are as follows: FICA at 0.062, SUTA at 0.018, SIIS at 0.0221, and medicare at 0.0145. Health insurance includes medical, dental, and vision coverage for employees. This is calculated at \$785.00 per month for a 0.5 full time employee over the 12 month period. Employee paid dependent health insurance is also available. The Washoe Tribe has a voluntary retirement plan. The retirement plan and the vacation plan are both determined by multiplying 6% by the total personnel cost.

Travel:

\$1,500.00 for conferences and trainings. This will cover airfare, hotel, and per diem .
costs for travel to conferences and trainings.

\$510.00 for local travel to include mileage for meetings, site visits, and outreach opportunities.

Supplies:

\$1,022.00 will assist with purchase of basic office supplies for the project.

Other:

\$1,200.00 for cell phone charges over the 12 month period. \$2,000.00 for communications operations and repairs, telephone service, and utilities. This will also assist with postage, internet, mail, electronic webpage, and security system costs.

Indirect Rate:

The indirect cost rate is determined by multiplying 12.10% by the sum of the direct costs minus contractual and equipment expenses.

Restoration Demonstration Project Information

Not applicable.

Programmatic Capability/ Technical Experience/ Qualifications:

The Washoe Tribe has a strong commitment to the restoration of Tribal lands and the aboriginal homelands. WEPD has extensive experience with the issues facing the Tribe and their lands. WEPD staff have various skills and significant experience as a department dealing with issues that threaten tribal lands and the natural and cultural resources. The Program Director and Environmental Specialists have extensive experience and knowledge of the tasks needed to accomplish the proposed project.

WEPD has a diverse and highly trained staff with experience and backgrounds in limnology, geomorphology, hydrology, forestry, fire ecology, natural resource management, fisheries, wildlife management, wetlands, invasive species, and land management. WEPD personnel have experience and knowledge in project administration and implementation, education and outreach, developing plans and conducting studies. The WEPD Program Director has significant experience in administering environmental program funding and managing environmental projects and staff. Furthermore, staff are well versed in delivering trainings and workshops in a culturally sensitive manner, to environmental professionals and Tribal leaders and members.

WEPD has significant experience managing wetland and water quality projects and a strong commitment to the restoration of Tribal lands and aboriginal homelands. The Washoe Tribe has established a number of Tribal ordinances and codes related to the protection of environmental resources which set standards to protect the environment and provide for enforcement of those standards. These codes include a Planning Development System, Land Use Management Plan, Title 19 – Water Code, and Title 17 – Environmental Protection Code. The establishment of these plans and codes allow for increased compliance and enforcement of environmental regulations throughout Tribal lands.

WEPD has successfully collaborated with several other agencies and local partners on previous projects. The proposed project will provide WEPD the opportunity to increase the capacity of the Washoe Tribe to effectively monitor, manage, and protect its wetland resources.

#### Transfer of Results:

Results will be shared through workshops, trainings, presentations, and meetings. The program plan will be approved through Tribal Council and available at the WEPD office. In addition, results sharing will also be completed through newsletters, meetings, and brochures.

#### Past Performance:

The Washoe Environmental Protection Department (WEPD) has had several federal and non-federal agreements within the past three years. Each of the agreements has set guidelines in reporting of tasks and activities accomplished during the reporting period. The work plan is used as a program logic model and management tool that is used throughout a program's life. Using evaluation and the logic model results in effective programming and offers greater learning opportunities, better documentation of outcomes, and shared knowledge of what works and why.

Quarterly reports are submitted in a timely manner and contain the following information:

- Comparison of actual versus expected progress achieving environmental outcomes and outputs, for each work plan task.
- Explanations for lack of progress (or anticipated lack of progress) if applicable.
- Suggestion for improving grants performance or modifying expectations
   (including proposed changes to target due dates) if necessary.
- Status of expenditures (cumulative) for reporting period and explanations of cost overruns/ under-runs if applicable and equipment purchases.

The WEPD also has mandatory monthly reporting requirements to Tribal Council. This assists with keeping the Council informed of activities, issues, and project updates. The reporting has benefited WEPD in gaining Tribal Council support in natural resource protection.

The following is a list of federal grants successfully implemented by WEPD within the past three years:

- 1. EPA Hazardous Waste Management Grant Program for Tribes FY10
- 2. EPA SWDA Special Purpose Activities: Waste Stream Analysis FY10
- 3. EPA Non Point Source 319h since 2000
- 4. EPA Clean Water Act Section 106 since 1998
- 5. EPA General Assistance Program since 1994

Currently, WEPD has over 18 agreements with several agencies including: US Forest
Service, US Environmental Protection Agency, Department of Transportation, US
Department of Energy, Bureau of Reclamation, US Department of Agriculture, Bureau of
Indian Affairs, Indian Health Services, Natural Resource Conservation Service, etc.

Examples of outputs and outcomes from previous agreements include the establishment
of several law and order codes, completion of a Non Point Source Assessment and
Management Plan, draft Water Quality Standards, Unified Watershed Assessment, Open
Dump Closure Plans, wellhead protective fencing of eight sites, several streambank
stabilization projects, and implementation of the Washoe Integrated Solid Waste
Management Plan.

# **Quality Assurance/ Quality Control:**

The Washoe Tribe has a written QA/QC for data collection and adheres to an invasive species identification and reporting protocol. The current method for water quality data entry into STORET/ WQX will be followed.

# **Invasive Species Control:**

The proposed project will not facilitate the introduction or spread of invasive species. Vehicles will be cleaned and inspected prior to entering and exiting project areas. If an invasive species problem is identified in the field, it will be immediately reported and properly addressed. WEPD maintains an active invasive weed control program.